



FORM 98-3

Sheet 1 of 4

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 75329 77432	SERIAL NO. 09/617,868
	APPLICANT Shaw, Thomas J.	
	FILING DATE 07/17/2000	GROUP 3762

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCS	1	3,306,290	02/28/1967	Weltman			02/14/1964
	2	4,747,831	05/31/1988	Kulli			04/29/1987
	3	4,838,863	06/13/1989	Allard et al.			09/21/1987
	4	4,838,869	06/13/1989	Allard			07/22/1988
	5	4,841,985	06/27/1989	Wanamaker			04/21/1986
	6	4,874,382	10/17/1989	Lindemann et al.			10/15/1987
	7	4,904,242	02/27/1990	Kulli			05/31/1988
	8	4,955,870	09/11/1990	Ridderheim et al.			08/23/1988
	9	4,994,034	02/19/1991	Botich et al.			07/11/1989
	10	5,019,044	05/28/1991	Tsao			08/14/1989
	11	5,046,508	09/10/1991	Weissler			12/19/1989
	12	5,049,133	09/17/1991	Villen Pascual			01/23/1990
	13	5,053,010	10/01/1991	McGary et al.			10/03/1990
	14	5,064,419	11/12/1991	Gaarde			07/13/1987
	15	5,084,018	01/28/1992	Tsao			04/26/1991

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DB 2/6	KCS	A 146773	12/01/1990	Japan			Y
		B GB2 197 792A	06/902/1988	United Kingdom			Y
		C WO 95/08358	03/30/1995	WIPO			Y
		D WO 96/35463	11/14/1996	WIPO			Y
		E WO 98/48869	11/05/1998	WIPO			Y

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KCS	AA	"Disappearing Needle", Designer News, Page 58, 03/22/1993
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EXAMINER <i>Sumner</i>	DATE CONSIDERED <i>6/27/02</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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